

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:

16/S87,184

Source:

IFWD

Date Processed by STIC:

3/20/07

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 03/20/2007

PATENT APPLICATION: US/10/587,184

TIME: 08:54:13

Input Set : A:\52209150.APP

Output Set: N:\CRF4\03202007\J587184.raw

3 <110> APPLICANT: RIVIERE, PIERRE, J-M  
 4 AKINSANYA, KAREN  
 6 <120> TITLE OF INVENTION: NOVEL USE  
 8 <130> FILE REFERENCE: 052209/150  
 10 <140> CURRENT APPLICATION NUMBER: 10/587,184  
 C--> 11 <141> CURRENT FILING DATE: 2006-07-25  
 13 <150> PRIOR APPLICATION NUMBER: EP 04001570.3  
 14 <151> PRIOR FILING DATE: 2004-01-26  
 16 <150> PRIOR APPLICATION NUMBER: 60/538,512  
 17 <151> PRIOR FILING DATE: 2004-01-26  
 19 <160> NUMBER OF SEQ ID NOS: 43  
 21 <170> SOFTWARE: PatentIn Ver. 3.3  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 34  
 25 <212> TYPE: PRT  
 26 <213> ORGANISM: Homo sapiens  
 28 <400> SEQUENCE: 1  
 29 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn  
 30 1 5 10 15  
 32 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His  
 33 20 25 30  
 35 Asn Phe  
 39 <210> SEQ ID NO: 2  
 40 <211> LENGTH: 34  
 41 <212> TYPE: PRT  
 42 <213> ORGANISM: Bos taurus  
 44 <400> SEQUENCE: 2  
 45 Ala Val Ser Glu Ile Gln Phe Met His Asn Leu Gly Lys His Leu Ser  
 46 1 5 10 15  
 48 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His  
 49 20 25 30  
 51 Asn Phe  
 55 <210> SEQ ID NO: 3  
 56 <211> LENGTH: 34  
 57 <212> TYPE: PRT  
 58 <213> ORGANISM: Homo sapiens  
 60 <400> SEQUENCE: 3  
 61 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln  
 62 1 5 10 15  
 64 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His  
 65 20 25 30  
 67 Thr Ala  
 71 <210> SEQ ID NO: 4

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72 <211> LENGTH: 34
73 <212> TYPE: PRT
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
78     peptide
80 <220> FEATURE:
81 <221> NAME/KEY: MOD_RES
82 <222> LOCATION: (1)..(2)
83 <223> OTHER INFORMATION: reduced peptide bond
85 <220> FEATURE:
86 <221> NAME/KEY: MOD_RES
87 <222> LOCATION: (8)
88 <223> OTHER INFORMATION: Nle
90 <220> FEATURE:
91 <221> NAME/KEY: MOD_RES
92 <222> LOCATION: (12)
93 <223> OTHER INFORMATION: Aib
95 <220> FEATURE:
96 <221> NAME/KEY: MOD_RES
97 <222> LOCATION: (18)
98 <223> OTHER INFORMATION: Nle
100 <220> FEATURE:
101 <221> NAME/KEY: MOD_RES
102 <222> LOCATION: (23)
103 <223> OTHER INFORMATION: 2-Nal
105 <400> SEQUENCE: 4
W--> 106 Ala Val Ser Glu Ile Gln Phe Xaa His Asn Leu Xaa Lys His Leu Ser
      107   1           5           10           15
109 Ser Xaa Glu Arg Val Glu Xaa Leu Arg Lys Lys Leu Gln Asp Val His
      110           20           25           30
112 Asn Tyr
116 <210> SEQ ID NO: 5
117 <211> LENGTH: 34
118 <212> TYPE: PRT
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
123     peptide
125 <400> SEQUENCE: 5
126 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
      127   1           5           10           15
129 Ser Met Glu Arg Val Glu Leu Leu Glu Lys Leu Leu Glu Lys Leu His
      130           20           25           30
132 Asn Phe
136 <210> SEQ ID NO: 6
137 <211> LENGTH: 34
138 <212> TYPE: PRT
139 <213> ORGANISM: Artificial Sequence

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141 <220> FEATURE:
142 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
143     peptide
145 <400> SEQUENCE: 6
146 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
147   1           5           10           15
149 Ser Met Glu Arg Val Glu Trp Leu Glu Lys Lys Leu Glu Lys Val His
150           20           25           30
152 Asn Phe
156 <210> SEQ ID NO: 7
157 <211> LENGTH: 34
158 <212> TYPE: PRT
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
163     peptide
165 <400> SEQUENCE: 7
166 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
167   1           5           10           15
169 Ser Met Glu Arg Val Glu Leu Leu Arg Lys Leu Leu Gln Asp Leu His
170           20           25           30
172 Asn Phe
176 <210> SEQ ID NO: 8
177 <211> LENGTH: 34
178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
183     peptide
185 <220> FEATURE:
186 <221> NAME/KEY: MOD_RES
187 <222> LOCATION: (26)
188 <223> OTHER INFORMATION: Aib
190 <400> SEQUENCE: 8
191 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln
192   1           5           10           15
W--> 194 Asp Leu Arg Arg Arg Phe Phe Leu His Xaa Leu Ile Ala Glu Ile His
195           20           25           30
197 Thr Ala
201 <210> SEQ ID NO: 9
202 <211> LENGTH: 34
203 <212> TYPE: PRT
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
208     peptide
210 <220> FEATURE:
211 <221> NAME/KEY: MOD_RES
212 <222> LOCATION: (32)

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Input Set : A:\52209150.APP

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213 <223> OTHER INFORMATION: Thi  
 215 <400> SEQUENCE: 9  
 216 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln  
 217 1 5 10 15  
 W--> 219 Asp Leu Arg Arg Arg Glu Leu Leu Glu Lys Leu Leu Glu Lys Leu Xaa  
 220 20 25 30  
 222 Thr Ala  
 226 <210> SEQ ID NO: 10  
 227 <211> LENGTH: 34  
 228 <212> TYPE: PRT  
 229 <213> ORGANISM: Artificial Sequence  
 231 <220> FEATURE:  
 232 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 233 peptide  
 235 <400> SEQUENCE: 10  
 236 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln  
 237 1 5 10 15  
 239 Asp Leu Arg Arg Arg Glu Leu Leu Glu Lys Leu Leu Glu Leu Leu His  
 240 20 25 30  
 242 Thr Ala  
 246 <210> SEQ ID NO: 11  
 247 <211> LENGTH: 34  
 248 <212> TYPE: PRT  
 249 <213> ORGANISM: Artificial Sequence  
 251 <220> FEATURE:  
 252 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 253 peptide  
 255 <400> SEQUENCE: 11  
 256 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln  
 257 1 5 10 15  
 259 Asp Leu Arg Arg Arg Phe Leu Leu His His Leu Leu Ala Glu Leu His  
 260 20 25 30  
 262 Thr Ala  
 266 <210> SEQ ID NO: 12  
 267 <211> LENGTH: 34  
 268 <212> TYPE: PRT  
 269 <213> ORGANISM: Artificial Sequence  
 271 <220> FEATURE:  
 272 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 273 peptide  
 275 <400> SEQUENCE: 12  
 276 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln  
 277 1 5 10 15  
 279 Asp Leu Arg Arg Arg Glu Phe Leu Glu Lys Leu Ile Glu Lys Ile His  
 280 20 25 30  
 282 Thr Ala  
 286 <210> SEQ ID NO: 13  
 287 <211> LENGTH: 34  
 288 <212> TYPE: PRT

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289 <213> ORGANISM: Artificial Sequence
291 <220> FEATURE:
292 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
293     peptide
295 <220> FEATURE:
296 <221> NAME/KEY: MOD_RES
297 <222> LOCATION: (8)
298 <223> OTHER INFORMATION: Nle
300 <220> FEATURE:
301 <221> NAME/KEY: MOD_RES
302 <222> LOCATION: (18)
303 <223> OTHER INFORMATION: Beta-Ala
305 <220> FEATURE:
306 <221> NAME/KEY: MOD_RES
307 <222> LOCATION: (23)
308 <223> OTHER INFORMATION: Nal
310 <400> SEQUENCE: 13
W--> 311 Ala Val Ser Glu Ile Gln Phe Xaa His Asn Leu Gly Lys His Leu Ser
312     1             5             10             15
314 Ser Xaa Glu Arg Val Glu Xaa Leu Arg Lys Lys Leu Gln Asp Val His
315             20             25             30
317 Asn Tyr
321 <210> SEQ ID NO: 14
322 <211> LENGTH: 34
323 <212> TYPE: PRT
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
328     peptide
330 <220> FEATURE:
331 <221> NAME/KEY: MOD_RES
332 <222> LOCATION: (8)
333 <223> OTHER INFORMATION: Nle
335 <220> FEATURE:
336 <221> NAME/KEY: MOD_RES
337 <222> LOCATION: (18)
338 <223> OTHER INFORMATION: Beta-Ala
340 <220> FEATURE:
341 <221> NAME/KEY: MOD_RES
342 <222> LOCATION: (19)
343 <223> OTHER INFORMATION: Beta-Ala
345 <220> FEATURE:
346 <221> NAME/KEY: MOD_RES
347 <222> LOCATION: (23)
348 <223> OTHER INFORMATION: Nal
350 <400> SEQUENCE: 14
W--> 351 Ala Val Ser Glu Ile Gln Phe Xaa His Asn Leu Gly Lys His Leu Ser
352     1             5             10             15
354 Ser Xaa Xaa Arg Val Glu Xaa Leu Arg Lys Lys Leu Gln Asp Val His

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/587,184

DATE: 03/20/2007  
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Input Set : A:\52209150.APP  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 8,12,18,23 ✓  
Seq#:8; Xaa Pos. 26 ✓  
Seq#:9; Xaa Pos. 32 ✓  
Seq#:13; Xaa Pos. 8,18,23 ✓  
Seq#:14; Xaa Pos. 8,18,19,23 ✓  
Seq#:15; Xaa Pos. 8,18,19,23 ✓  
Seq#:16; Xaa Pos. 8,18,19,23 ✓  
Seq#:17; Xaa Pos. 8,17,18,19,23 ✓  
Seq#:18; Xaa Pos. 16,18 ✓  
Seq#:19; Xaa Pos. 18,20 ✓  
Seq#:20; Xaa Pos. 17,18 ✓  
Seq#:21; Xaa Pos. 18 ✓  
Seq#:22; Xaa Pos. 18,19 ✓  
Seq#:23; Xaa Pos. 17,18 ✓  
Seq#:24; Xaa Pos. 18 ✓  
Seq#:25; Xaa Pos. 18,19 ✓  
Seq#:26; Xaa Pos. 17,18 ✓  
Seq#:27; Xaa Pos. 18,19 ✓  
Seq#:28; Xaa Pos. 17,18,19 ✓  
Seq#:29; Xaa Pos. 17,18 ✓  
Seq#:30; Xaa Pos. 18,19 ✓  
Seq#:31; Xaa Pos. 18,19 ✓  
Seq#:32; Xaa Pos. 17,18,19 ✓  
Seq#:33; Xaa Pos. 17,18,19 ✓  
Seq#:34; Xaa Pos. 17,18,19 ✓  
Seq#:35; Xaa Pos. 17,18,19 ✓  
Seq#:36; Xaa Pos. 17,18,19 ✓  
Seq#:37; Xaa Pos. 17,18,19 ✓  
Seq#:38; Xaa Pos. 17,18 ✓  
Seq#:39; Xaa Pos. 18,19 ✓  
Seq#:40; Xaa Pos. 17,18,19 ✓  
Seq#:41; Xaa Pos. 17,18,19 ✓  
Seq#:42; Xaa Pos. 8,12,18,23 ✓  
Seq#:43; Xaa Pos. 12 ✓

## VERIFICATION SUMMARY

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Input Set : A:\52209150.APP

Output Set: N:\CRF4\03202007\J587184.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0

M:341 Repeated in SeqNo=4

L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:16

L:219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:16

L:311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0

M:341 Repeated in SeqNo=13

L:351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0

M:341 Repeated in SeqNo=14

L:391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0

M:341 Repeated in SeqNo=15

L:431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0

M:341 Repeated in SeqNo=16

L:476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0

M:341 Repeated in SeqNo=17

L:506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0

M:341 Repeated in SeqNo=18

L:539 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:16

L:569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:16

L:594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:16

L:624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:16

L:654 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:16

L:679 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:16

L:709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:16

L:734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:16

L:759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:16

L:794 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:16

L:824 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:16

L:854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:16

L:884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:16

L:919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:16

L:954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:16

L:989 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:16

L:1024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:16

L:1054 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:16

L:1089 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:16

L:1119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:16

L:1149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:16

L:1184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:16

L:1219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:16

L:1261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0

M:341 Repeated in SeqNo=42

L:1291 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0